

**REMARKS**

Claims 1-86 are pending in the present application. In the above amendments, claims 1, 9, 14, 16, 23, 25, 26, 33, 41, 51, 59, 64, 73, 75, 76 and 83 have been amended; and claims 7-8, 22, 24, 32, 47-48, 57-58, 72, 74, and 82 have been canceled without prejudice.

Claims 16, 25 and 41 have been amended to correct minor informalities.

Claim 1 has been amended to incorporate the limitations of claims 7 and 8. Claim 8 was objected to in the Office Action, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 2-5 and 9-13 depend from amended claim 1, and should be allowable for at least the same reasons as claim 1.

Claim 14 has been amended to incorporate the limitations of claim 22 and 24. Claim 24 was objected to in the Office Action, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 15-21 and 23 depend from amended claim 14 and should be allowable for at least the same reasons as claim 14.

Claim 25 has been amended to incorporate allowable claim 32, reciting in part “the multiplier comprises 96 multipliers each producing one product value.” Claims 26-31 and 34-36 depend from amended claim 25 and should be allowable for at least the same reasons as claim 25.

Claim 41 has been amended to incorporate the limitations of claims 47 and 48. Claim 48 was objected to in the Office Action, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 42-46 depend from amended claim 41 and should be allowable for at least the same reasons as claim 41.

Claim 51 has been amended to incorporate the limitations of claims 57 and 58. Claim 58 was objected to in the Office Action, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 52-56 and 61-63 depend from amended claim 51 and should be allowable for at least the same reasons as claim 51.

Claim 64 has been amended to incorporate the limitations of claims 72 and 74. Claim 74 was objected to in the Office Action, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 65-71 and 73 depend from amended claim 64 and should be allowable for at least the same reasons as claim 64.

Claim 75 has been amended to incorporate allowable claim 82, reciting in part “the multiplier comprises 96 multipliers each producing one product value.” Claims 76-81 and 84-86 depend from amended claim 75 and should be allowable for at least the same reasons as claim 75.

**REQUEST FOR ALLOWANCE**

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

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